

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063641.D
 Acq On : 16 Aug 2019 16:43
 Operator : JC/SY
 Sample : K4389-02
 Misc : 5.99g/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E2(2)

Quant Time: Aug 17 06:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	13592	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	23254	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	17392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	8466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	12540	86.31	ug/l	-0.02
Spiked Amount			Recovery	=	172.62%	
35) Dibromofluoromethane	6.91	113	8040	41.05	ug/l	-0.03
Spiked Amount			Recovery	=	82.10%	
50) Toluene-d8	10.40	98	17912	41.60	ug/l	-0.02
Spiked Amount			Recovery	=	83.20%	
62) 4-Bromofluorobenzene	13.55	95	8279	42.42	ug/l	0.00
Spiked Amount			Recovery	=	84.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.76	50	484	3.767	ug/l #	41
5) Bromomethane	2.18	94	968	16.085	ug/l #	11
6) Chloroethane	2.23	64	240	4.115	ug/l #	42
8) Diethyl Ether	2.91	74	180	5.096	ug/l #	1
15) Acrylonitrile	4.33	53	214	12.774	ug/l #	11
16) Acetone	3.21	43	4295	145.425	ug/l #	65
20) Methylene Chloride	3.82	84	1067	8.355	ug/l #	5
23) Vinyl Acetate	5.10	43	220	1.111	ug/l #	82
25) 2-Butanone	6.20	43	275	9.428	ug/l #	58
27) cis-1,2-Dichloroethene	6.01	96	194	1.534	ug/l #	1
28) Bromochloromethane	6.51	49	234	2.732	ug/l #	7
29) Tetrahydrofuran	6.46	42	616	45.321	ug/l #	35
36) 1,1-Dichloropropene	7.05	75	682	3.318	ug/l #	42
37) Ethyl Acetate	6.20	43	275	3.192	ug/l #	73
38) Carbon Tetrachloride	7.05	117	1718	5.545	ug/l #	13
43) Isopropyl Acetate	9.30	43	277	2.401	ug/l #	48
73) Isopropylbenzene	13.39	105	603	1.120	ug/l #	51
74) N-amyl acetate	13.29	43	451	3.336	ug/l #	53
80) 1,3,5-Trimethylbenzene	13.88	105	1624	3.452	ug/l	87
81) trans-1,4-Dichloro-2-buten	13.55	75	3903	149.457	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	532	1.222	ug/l #	52
85) sec-Butylbenzene	14.24	105	532	1.011	ug/l #	62
95) Naphthalene	16.12	128	259	1.028	ug/l #	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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